

ABSTRACT

A system and method is provided for detecting emitter signals and for determining a scan strategy for a receiver system that receives such emitter signals. If a dwells assigned frequency bandwidth is small and not a multiple of the minimum frequency spacing between dwells (tuning step), then coverage gaps can be inadvertently introduced between adjacent dwells. A system and method are provided for detecting this condition and generating dwells without accidental loss of frequency coverage for any combination of bandwidth and step size.